

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-87/87-78-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
87-78-5
Code:
M

RTECS:
OP2050000
Code:
M

Name:
MANNITOL *95-1*

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
REQUIRED

Ventilation:
NONE REQUIRED

Protective Gloves:
RECOMMENDED

Eye Protection:
3 REQUIRED

Other Protective Equipment:
Equipment NONE REQUIRED

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
APPEARANCE: DRY LYOPHILIZED CAKE. APPEARS LIKE A WHITE COMPRESSED POWDER. FORMS A CLEAR, COLORLESS SOLUTION WHEN RECONSTITUTED W/STERILE WATER. PH: 7.1-7.7. CAUTION: THIS SUBSTANCE IS A PURIFIED, CONC ENTRATED DRUG THAT IS TO BE USED ONLY UNDER THE SUPERVISION OF A PHYSICIAN.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: MAY BE IRRITATING. SEE PRODUCT INSERT FOR A MORE COMPLETE DESCRIPTION OF THE TOXICOLOGICAL & HEALTH EFFECTS IN HUMANS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION. SEE PRODUCT INSERT FOR A MORE COMPLETE DESCRIPTION OF THE TOXICOLOGICAL & HEALTH EFFECTS IN HUMANS.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. SKIN: WASH W/SOAP & LARGE AMOUNTS OF WATER. EYES: FLUSH W/WATER FOR 15 MINS. INGESTION: TREAT SYMPTOMATICALLY & SUPPORTIVELY. OBTAIN MEDICAL 2 ATTENTION IN ALL CASES.

Spill Release Procedures:
AVOID BREATHING THE LYOPHILIZED POWDER/ANY RECONSTITUTED AEROSOLS. PREVENT CONTACT W/SKIN, EYES & MUCOUS MEMBRANES. WIPE UP MATERIAL CAREFULLY & THOROUGHLY WASH AREA W/SOAP & WATER.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE PRODUCT AT 35.6-46.4F. PREVENT CONTACT W/SKIN, EYES & MUCOUS MEMBRANES.

Other Precautions:
AVOID BREATHING POWDER/PREVENT THE GENERATION & INHALATION OF AEROSOLS. TAKE PRECAUTIONS IN ADMINISTRATION OF INJECTABLE DRUGS. FOLLOW MEDICAL PROCEDURES IN ADMINISTRATION OF PHARMACEUTICAL PRODUCTS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
DRY CHEMICAL, CO2, WATER SPRAY, HALON/FOAM

Fire Fighting Procedures:
NONE

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: (SUPP)

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
(SEE SUPP)

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMPS >46.4F

Materials To Avoid:
NONE

Hazardous Decomposition Products:
N/K

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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